## CLAIMS:

- 1. A thermal treatment apparatus comprising:
  - a furnace of a refractory;
- a stage capable of carrying synthetic silica glass and moving between a first stage position for letting the synthetic silica glass into the furnace and a second stage position for letting the synthetic silica glass out of the furnace;
- a heat generator for heating the synthetic silica glass; and
- a driving section connected to the stage, for moving the stage between the first stage position and the second stage position.
- 2. A thermal treatment apparatus according to claim 1, further comprising a rotational driving section for rotating the stage.